
Immunization

NO FLU SHOT

Definition: Respondents ages 65 and older who have not had an influenza vaccination within the past 12 months.

Prevalence of No Flu Shot

- South Dakota 23.1%
- Nationwide median 32.1%

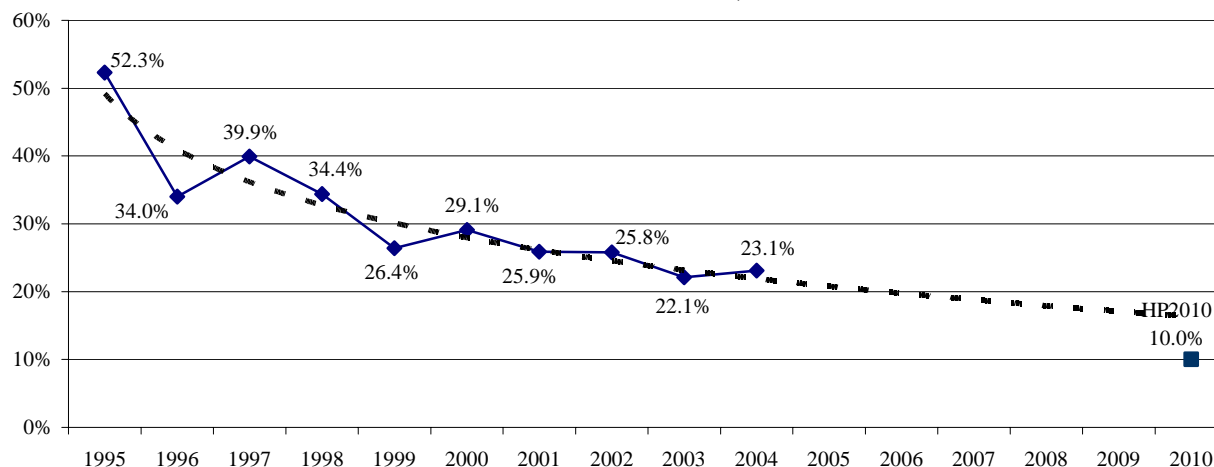
Healthy People 2010 Objective

Decrease the proportion of adults age 65 years and older who are not vaccinated annually against influenza to 10 percent.

Trend Analysis

Overall, the percent of respondents aged 65 and older who have not had an annual flu shot has been decreasing. However, there was a slight increase from 22.1 percent in 2003 to 23.1 percent in 2004. South Dakota has not yet met the *Healthy People 2010 Objective* of 10 percent.

Figure 39
Percent of Respondents, Ages 65 and Older, Who Have Not Had a Flu Shot
Within the Past 12 Months, 1993-2004



Source: The Behavioral Risk Factor Surveillance System, South Dakota Department of Health, 1993-2004

Demographics

- Gender** There are no significant differences in the lack of a flu shot for those 65 and older between males and females or for any demographic group between the two.
- Age** There is a significant decrease in the percentage of those with no flu shot from the 65-74 age group to the 75 and older age group.
- Race** There is insufficient data to make any racial comparisons.

Region	Females in the northeast and central regions exhibit a very high prevalence for the lack of a flu shot, while females in the southeast region show a very low prevalence.
Household Income	Household income does not seem to have a large impact on flu shot status.
Education	Lack of a flu shot does not seem to be greatly influenced by education status.
Employment Status	Those who are self-employed demonstrate a very high prevalence of no flu shot, while those who are retired show a very low prevalence.
Marital Status	Those who are divorced or separated exhibit a very high prevalence of no flu shot, while those who are married or widowed show a very low prevalence.

Table 62
Respondents, Ages 65 and Older, Who Have Not Had a Flu Shot Within the Past 12 Months, 2004

	Total			Male			Female		
	# Resp.	%	95% CI	# Resp.	%	95% CI	# Resp.	%	95% CI
Total	1,709	23.1	(20.9-25.5)	626	24.9	(21.3-29.0)	1,083	21.8	(19.2-24.6)
Age									
18-24	-	-	-	-	-	-	-	-	-
25-34	-	-	-	-	-	-	-	-	-
35-44	-	-	-	-	-	-	-	-	-
45-54	-	-	-	-	-	-	-	-	-
55-64	-	-	-	-	-	-	-	-	-
65-74	884	27.0	(23.8-30.5)	366	29.7	(24.7-35.3)	518	24.7	(20.8-29.1)
75+	825	19.5	(16.6-22.7)	260	19.7	(14.8-25.7)	565	19.4	(16.0-23.2)
Race									
White	1,597	23.0	(20.7-25.4)	590	24.6	(20.8-28.7)	1,007	21.8	(19.1-24.7)
American Indian	*	*	*	*	*	*	*	*	*
Region									
Southeast	393	19.6	(15.7-24.2)	143	26.4	(19.4-34.8)	250	14.6	(10.6-19.9)
Northeast	435	26.8	(22.6-31.5)	142	27.8	(20.7-36.3)	293	26.2	(21.2-31.8)
Central	369	26.9	(22.2-32.1)	143	27.1	(20.2-35.3)	226	26.7	(20.7-33.7)
West	369	21.6	(17.4-26.5)	139	18.5	(12.6-26.3)	230	24.3	(18.7-30.8)
American Indian Counties	143	24.1	(17.2-32.7)	*	*	*	*	*	*
Household Income									
Less than \$10,000	124	27.9	(19.5-38.2)	*	*	*	*	*	*
\$10,000-\$14,999	208	25.9	(19.7-33.3)	*	*	*	*	*	*
\$15,000-\$19,999	227	22.2	(16.8-28.6)	*	*	*	*	*	*
\$20,000-\$24,999	265	23.9	(18.5-30.3)	102	23.8	(15.9-34.0)	163	24.0	(17.0-32.7)
\$25,000-\$34,999	257	22.8	(17.6-29.0)	112	20.7	(13.5-30.3)	145	25.0	(18.2-33.3)
\$35,000-\$49,999	194	17.5	(12.2-24.3)	*	*	*	*	*	*
\$50,000-\$74,999	*	*	*	*	*	*	*	*	*
\$75,000+	*	*	*	*	*	*	*	*	*
Education									
8th Grade or Less	205	22.3	(16.6-29.2)	102	22.7	(15.2-32.3)	103	21.8	(13.9-32.3)
Some High School	145	23.7	(16.6-32.7)	*	*	*	*	*	*
High School or G.E.D.	679	26.7	(23.1-30.7)	240	32.0	(25.5-39.2)	439	23.5	(19.4-28.2)
Some Post-High School	372	21.3	(17.0-26.2)	*	*	*	*	*	*
College Graduate	300	17.3	(13.0-22.8)	140	18.4	(12.1-27.0)	160	16.0	(11.0-22.6)
Employment Status									
Employed for Wages	151	29.2	(21.5-38.4)	*	*	*	*	*	*
Self-employed	154	38.3	(29.8-47.6)	*	*	*	*	*	*
Unemployed	*	*	*	*	*	*	*	*	*
Homemaker	*	*	*	*	*	*	*	*	*
Student	*	*	*	*	*	*	*	*	*
Retired	1,320	20.6	(18.3-23.2)	440	20.3	(16.4-24.9)	880	20.8	(18.0-23.9)
Unable to Work	*	*	*	*	*	*	*	*	*

Table 62 (continued)
Respondents, Ages 65 and Older, Who Have Not Had a Flu Shot Within the Past 12 Months, 2004

	Total			Male			Female		
	# Resp.	%	95% CI	# Resp.	%	95% CI	# Resp.	%	95% CI
Marital Status									
Married/Unmarried Couple	784	21.9	(18.9-25.2)	399	24.4	(20.1-29.3)	385	18.8	(15.1-23.3)
Divorced/Separated	131	35.9	(27.1-45.7)	*	*	*	*	*	*
Widowed	732	22.9	(19.7-26.4)	131	20.1	(14.0-27.9)	601	23.5	(19.9-27.5)
Never Married	*	*	*	*	*	*	*	*	*

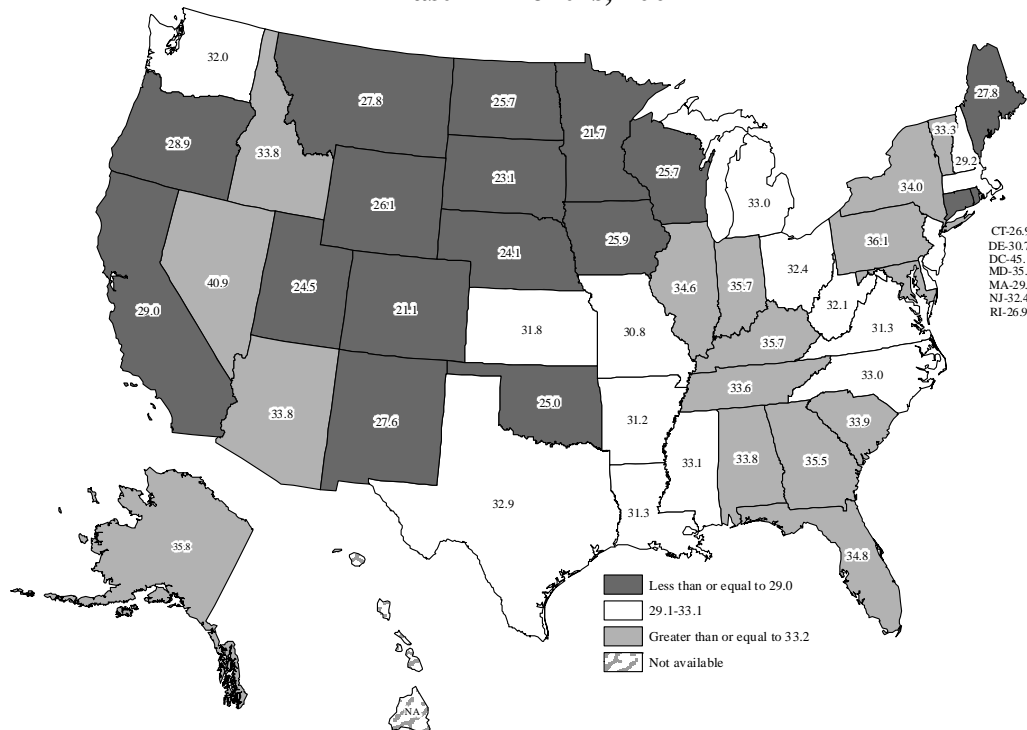
Note: *Results based on sample sizes less than 100 have been suppressed.

Source: The Behavioral Risk Factor Surveillance System, South Dakota Department of Health, 2004

National Statistics

The national median for respondents who have not had a flu shot within the past 12 months was 32.1 percent. South Dakota had 23.1 percent of respondents who have not had a flu shot within the past 12 months. Colorado had the lowest percent of respondents who have not had a flu shot within the past 12 months with 21.1 percent, while the District of Columbia had the highest percent with 45.1 percent.

Figure 40
Nationally, Respondents Ages 65 and Older, Who Have Not Had a Flu Shot Within the Past 12 Months, 2004



Source: The Behavioral Risk Factor Surveillance System, South Dakota Department of Health, 2004

Further Analysis

Following are data illustrating the percent of those, ages 65 and older, who have not had a flu shot for various health behaviors and conditions. For example, 15.3 percent of respondents who stated they have diabetes had no flu shot, while 24.6 percent of respondents who stated they do not have diabetes had no flu shot.

Table 63
No Flu Shot, Ages 65 and Older, Within the Past 12 Months for Selected Health Behaviors and Conditions, 2004

Health Behavior or Condition	# Respondents	% No Flu Shot	95% CI
Fair or Poor Health Status	465	20.5	16.5-25.2
Excellent, Very Good, or Good Health Status	1,240	24.1	21.5-26.8
Physical Health Not Good for 30 Days of the Past 30	197	24.2	17.9-31.8
Physical Health Not Good for 0-29 Days of the Past 30	1,483	22.9	20.6-25.4
Mental Health Not Good for 20-30 Days of the Past 30	*	*	*
Mental Health Not Good for 0-19 Days of the Past 30	1,614	22.9	20.7-25.3
Usual Activities Unattainable for 10-30 Days of the Past 30	149	21.9	15.2-30.6
Usual Activities Unattainable for 0-9 Days of the Past 30	1,552	23.1	20.9-25.6
Obese (BMI = 30.0+)	381	23.1	18.4-28.5
Overweight (BMI = 25.0-29.9)	681	21.5	18.3-25.1
Recommended Weight (BMI = 18.5-24.9)	575	24.3	20.5-28.5
No Leisure Time Physical Activity	509	26.7	22.4-31.4
Leisure Time Physical Activity	1,198	21.7	19.2-24.4
Current Smoker	164	33.2	25.1-42.3
Former Smoker	593	19.3	15.9-23.2
Never Smoked	949	24.1	21.2-27.3
Drank Alcohol in Past 30 Days	606	20.7	17.4-24.5
No Alcohol in Past 30 Days	1,095	24.7	21.9-27.8
Binge Drinker	*	*	*
Not a Binge Drinker	1,667	22.9	20.7-25.3
Heavy Drinker	*	*	*
Not a Heavy Drinker	1,666	23.0	20.8-25.4
No Mammogram within Past Two Years (40+)	238	31.7	25.5-38.7
Mammogram within Past Two Years (40+)	827	19.1	16.3-22.3
No Clinical Breast Exam within Past Two Years	267	27.5	21.9-34.0
Clinical Breast Exam within Past Two Years	787	20.0	17.1-23.2
Insufficient Cervical Cancer Screening	187	35.2	28.0-43.2
Sufficient Cervical Cancer Screening	415	18.2	14.4-22.8
No PSA Test within Past Two Years (40+)	150	37.1	28.6-46.4
PSA Test within Past Two Years (40+)	451	20.3	16.5-24.8
No Digital Rectal Exam within Past Two Years (40+)	175	38.6	30.6-47.3
Digital Rectal Exam within Past Two Years (40+)	440	19.2	15.4-23.5
No Blood Stool Test within Past Two Years (50+)	1,166	24.3	21.6-27.2
Blood Stool Test within Past Two Years (50+)	498	19.7	16.0-24.0
Never Had Sigmoidoscopy or Colonoscopy (50+)	682	30.2	26.4-34.3
Ever Had Sigmoidoscopy or Colonoscopy (50+)	1,000	18.6	16.1-21.5
Haven't Been to the Dentist in the Past 12 Months	658	27.8	24.0-31.9
Been to the Dentist in the Past 12 Months	1,042	20.5	17.9-23.4
Not Taking any Precautions Against West Nile Virus	685	25.7	22.2-29.6
Taking Precautions Against West Nile Virus	985	21.2	18.5-24.2
No Health Insurance (18-64)	-	-	-
Health Insurance (18-64)	-	-	-
Employer Based Health Insurance Coverage (18-64)	-	-	-
Private Health Insurance Plan (18-64)	-	-	-
Medicare (18-64)	-	-	-
Medicaid or Medical Assistance (18-64)	-	-	-
The Military, CHAMPUS, TriCare, or the VA (18-64)	-	-	-
The Indian Health Service (18-64)	-	-	-
No Pneumonia Shot (65+)	578	49.4	44.7-54.1
Pneumonia Shot (65+)	1,110	9.8	8.0-11.9
Diabetes	277	15.3	11.1-20.6
No Diabetes	1,432	24.6	22.1-27.2

Table 63 (continued) No Flu Shot, Ages 65 and Older, Within the Past 12 Months for Selected Health Behaviors and Conditions, 2004			
Health Behavior or Condition	# Respondents	% No Flu Shot	95% CI
Current Asthma	140	13.4	8.4-20.6
Former Asthma	*	*	*
Never Had Asthma	1,527	23.6	21.3-26.1
Previously Had a Heart Attack	258	15.3	11.3-20.5
Never Had a Heart Attack	1,415	24.3	21.8-26.9
Have Angina or Coronary Heart Disease	277	16.3	11.9-21.9
Do not Have Angina or Coronary Heart Disease	1,389	24.3	21.8-26.9
Previously Had a Stroke	133	14.9	9.4-22.9
Never Had a Stroke	1,540	23.7	21.4-26.1
Physical, Mental, or Emotional Disability	541	17.8	14.5-21.6
No Physical, Mental, or Emotional Disability	1,144	25.6	22.8-28.6
Disability with Special Equipment Needed	287	17.3	13.0-22.8
No Disability with Special Equipment Needed	1,398	24.3	21.8-26.9
Four or More Hours of TV Watched per Day	639	20.3	17.0-24.0
Less Than Four Hours of TV Watched per Day	1,017	24.8	21.9-27.9
Sick from Poor Indoor Air Quality in Past Year	158	27.2	20.0-35.9
Not Sick from Poor Indoor Air Quality in Past Year	1,536	22.9	20.6-25.4
Sick from Outdoor Air Pollution in Past Year	107	26.8	18.4-37.3
Not Sick from Outdoor Air Pollution in Past Year	1,599	23.0	20.7-25.4
Firearm in Household	777	24.2	21.0-27.8
No Firearms in Household	858	21.9	18.9-25.3
Loaded and Unlocked Firearm in Household	*	*	*
No Loaded and Unlocked Firearms in Household	1,578	22.9	20.7-25.3
No Birth Control (females 18-44 & males 18-59)	-	-	-
Birth Control (females 18-44 & males 18-59)	-	-	-
Never Been Tested for HIV (18-64)	-	-	-
Been Tested for HIV (18-64)	-	-	-
Sunburn in Past 12 Months	148	19.9	13.6-28.3
No Sunburn in Past 12 Months	1,558	23.5	21.2-26.0
Military Veteran	440	21.4	17.4-26.1
Not a Military Veteran	1,264	23.9	21.3-26.6

Note: *Results based on sample sizes less than 100 have been suppressed.

Source: The Behavioral Risk Factor Surveillance System, South Dakota Department of Health, 2004

Table 64, below, illustrates respondent reasons for not getting a flu shot. In 2004 and 2003, respondents main reason for not getting a flu shot was did not think I needed one.

Table 64 Respondents, Ages 65 and Older, Main Reason for Not Getting a Flu Shot, 2003-2004		
	2004	2003
Number of Respondents	358	313
Didn't think I needed one	46.0%	52.7%
Shot could give me the flu/allergic reaction/health problems	27.8%	26.0%
Didn't think of it/forgot/missed it	6.2%	9.2%
Not recommended by doctor	3.1%	1.6%
Not physically able to get to the clinic	1.1%	1.0%
Vaccine not available/clinic didn't get their shipment	7.8%	1.0%
Other	8.0%	8.5%

Source: The Behavioral Risk Factor Surveillance System, South Dakota Department of Health, 2003-2004

NO PNEUMONIA SHOT

Definition: Respondents ages 65 and older who have never had a pneumonia vaccination.

Prevalence of No Pneumonia Shot

- South Dakota 33.8%
- Nationwide median 35.4%

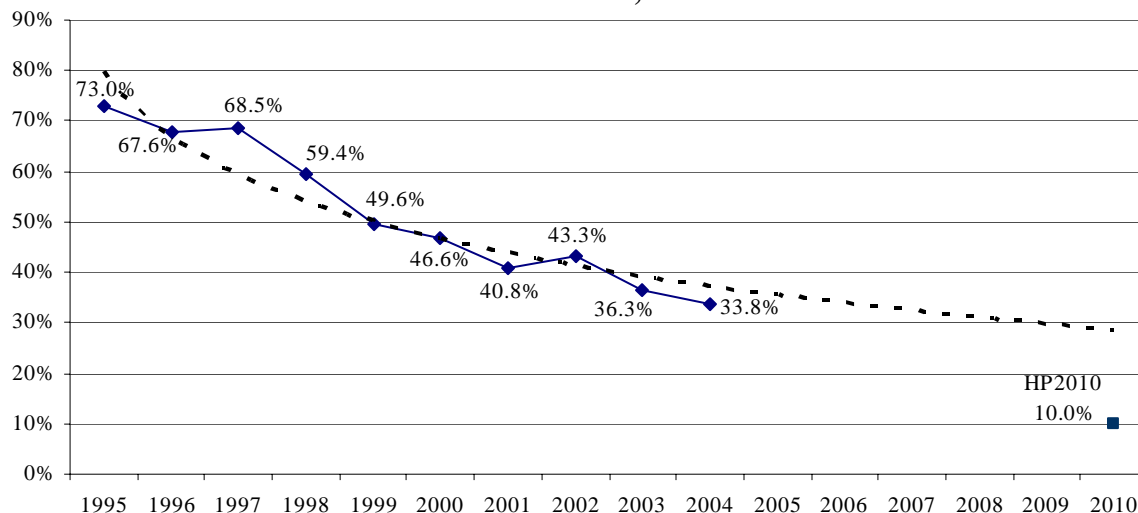
Healthy People 2010 Objective

Decrease the proportion of adults age 65 years and older who have never been vaccinated against pneumococcal disease to 10 percent.

Trend Analysis

Overall, the percent of respondents aged 65 and older who have never had a pneumonia shot has been decreasing. However, South Dakota has not yet met the *Healthy People 2010 Objective* of 10 percent.

Figure 41
Percent of Respondents, Ages 65 and Older, Who Have Never Had a Pneumonia Shot, 1993-2004



Source: The Behavioral Risk Factor Surveillance System, South Dakota Department of Health, 1993-2004

Demographics

Gender	There are no significant differences in the lack of a pneumonia shot for those 65 and older between males and females.
Age	There is a significant decrease in the percentage of those with no pneumonia shot from the 65-74 age group to the 75 and older age group. This decrease is much more evident in males than females.
Race	There is insufficient data to make any racial comparisons.
Region	There are no significant regional differences observed from the available data.
Household Income	Household income does not seem to have a large impact on pneumonia shot status.

Education	Lack of a pneumonia shot generally increases as education increases.
Employment Status	Those who are self-employed or employed for wages demonstrate a very high prevalence of no pneumonia shot, while those who are retired show a very low prevalence.
Marital Status	Marital status does not seem to have a great impact on pneumonia shot status.

Table 65 Respondents, Ages 65 and Older, Who Have Never Had a Pneumonia Shot, 2004									
	Total			Male			Female		
	# Resp.	%	95% CI	# Resp.	%	95% CI	# Resp.	%	95% CI
Total	1,692	33.8	(31.3-36.5)	618	33.4	(29.3-37.7)	1,074	34.1	(30.9-37.5)
Age									
18-24	-	-	-	-	-	-	-	-	-
25-34	-	-	-	-	-	-	-	-	-
35-44	-	-	-	-	-	-	-	-	-
45-54	-	-	-	-	-	-	-	-	-
55-64	-	-	-	-	-	-	-	-	-
65-74	875	42.2	(38.5-45.9)	361	45.5	(39.8-51.4)	514	39.3	(34.5-44.2)
75+	817	26.2	(22.8-29.8)	257	20.2	(15.3-26.2)	560	30.0	(25.7-34.6)
Race									
White	1,581	33.9	(31.3-36.7)	582	32.9	(28.7-37.2)	999	34.7	(31.4-38.2)
American Indian	*	*	*	*	*	*	*	*	*
Region									
Southeast	390	36.4	(31.3-41.7)	143	37	(29.0-45.7)	247	35.9	(29.7-42.6)
Northeast	426	34.1	(29.5-39.0)	137	32.6	(24.9-41.2)	289	35.1	(29.5-41.1)
Central	368	35.4	(30.0-41.1)	142	36.3	(28.5-45.0)	226	34.7	(27.6-42.5)
West	366	29.5	(24.8-34.7)	137	28.3	(21.3-36.6)	229	30.4	(24.4-37.3)
American Indian Counties	142	26.4	(19.4-34.7)	*	*	*	*	*	*
Household Income									
Less than \$10,000	123	40.2	(29.7-51.7)	*	*	*	*	*	*
\$10,000-\$14,999	206	29.0	(22.6-36.2)	*	*	*	161	*	*
\$15,000-\$19,999	224	27.4	(21.3-34.4)	*	*	*	*	*	*
\$20,000-\$24,999	263	29.3	(23.4-36.0)	104	25.9	(18.1-35.8)	159	32.1	(24.0-41.3)
\$25,000-\$34,999	257	34.9	(28.7-41.7)	111	32.7	(23.8-43.1)	146	37.1	(28.9-46.1)
\$35,000-\$49,999	193	30.9	(24.2-38.6)	*	*	*	*	*	*
\$50,000-\$74,999	*	*	*	*	*	*	*	*	*
\$75,000+	*	*	*	*	*	*	*	*	*
Education									
8th Grade or Less	202	29.5	(22.9-37.0)	102	26.1	(18.0-36.3)	100	34.4	(24.6-45.7)
Some High School	144	33.3	(25.0-42.9)	*	*	*	*	*	*
High School or G.E.D.	679	35.3	(31.2-39.5)	238	35.3	(28.7-42.4)	441	35.3	(30.2-40.7)
Some Post-High School	368	31.2	(26.2-36.7)	*	*	*	*	*	*
College Graduate	291	36.7	(30.5-43.2)	135	38.6	(29.9-48.2)	156	34.1	(26.3-43.0)
Employment Status									
Employed for Wages	151	51.1	(42.0-60.2)	*	*	*	*	*	*
Self-employed	154	51.4	(42.1-60.6)	*	*	*	*	*	*
Unemployed	*	*	*	*	*	*	*	*	*
Homemaker	*	*	*	*	*	*	*	*	*
Student	*	*	*	*	*	*	*	*	*
Retired	1,304	29.9	(27.1-32.8)	432	26.0	(21.6-30.8)	872	32.4	(29.0-36.1)
Unable to Work	*	*	*	*	*	*	*	*	*
Marital Status									
Married/Unmarried Couple	779	34.0	(30.4-37.7)	394	32.9	(28.1-38.1)	385	35.3	(30.2-40.7)
Divorced/Separated	128	39.0	(30.0-48.9)	*	*	*	*	*	*
Widowed	726	31.7	(27.9-35.7)	130	30.5	(22.8-39.5)	596	31.9	(27.8-36.4)
Never Married	*	*	*	*	*	*	*	*	*

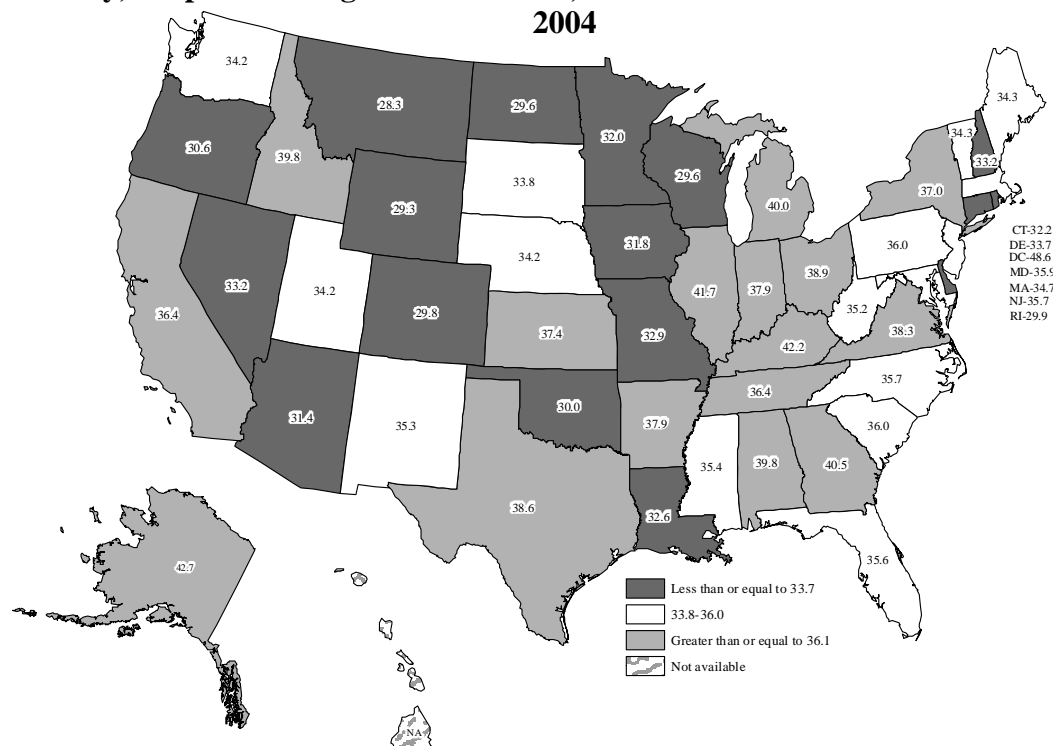
Note: *Results based on sample sizes less than 100 have been suppressed.

Source: The Behavioral Risk Factor Surveillance System, South Dakota Department of Health, 2004

National Statistics

The national median for respondents who have never had a pneumonia shot was 35.4 percent. South Dakota had 33.8 percent of respondents who have never had a pneumonia shot. Montana had the lowest percent of respondents who have never had a pneumonia shot with 28.3 percent, while the District of Columbia had the highest percent with 48.6 percent.

Figure 42
Nationally, Respondents Ages 65 and Older, Who Have Never Had a Pneumonia Shot,
2004



Source: The Behavioral Risk Factor Surveillance System, South Dakota Department of Health, 2004

Further Analysis

Following are data illustrating the percent of those ages 65 and older who have never had a pneumonia shot for various health behaviors and conditions. For example, 24.1 percent of respondents who stated they have fair or poor health had no pneumonia shot, while 37.5 percent of respondents who stated they have excellent, very good, or good health had no pneumonia shot.

Table 66
No Pneumonia Shot, Ages 65 and Older, for Selected Health Behaviors and Conditions,
2004

Health Behavior or Condition	# Respondents	% No Pneumonia Shot	95% CI
Fair or Poor Health Status	462	24.1	19.8-29.1
Excellent, Very Good, or Good Health Status	1,226	37.5	34.4-40.6
Physical Health Not Good for 30 Days of the Past 30	196	27.5	20.7-35.6
Physical Health Not Good for 0-29 Days of the Past 30	1,467	35.3	32.5-38.1
Mental Health Not Good for 20-30 Days of the Past 30	*	*	*
Mental Health Not Good for 0-19 Days of the Past 30	1,600	34.1	31.5-36.8
Usual Activities Unattainable for 10-30 Days of the Past 30	146	28.2	20.3-37.7
Usual Activities Unattainable for 0-9 Days of the Past 30	1,537	34.3	31.6-37.1

Table 66 (continued)
No Pneumonia Shot, Ages 65 and Older, for Selected Health Behaviors and Conditions,
2004

Health Behavior or Condition	# Respondents	% No Pneumonia Shot	95% CI
Obese (BMI = 30.0+)	378	34.9	29.4-40.7
Overweight (BMI = 25.0-29.9)	672	30.4	26.6-34.4
Recommended Weight (BMI = 18.5-24.9)	572	36.3	31.8-40.9
No Leisure Time Physical Activity	503	34.0	29.4-39.1
Leisure Time Physical Activity	1,187	33.8	30.8-36.9
Current Smoker	163	36.1	27.9-45.2
Former Smoker	586	27.8	23.9-32.1
Never Smoked	940	37.6	34.1-41.2
Drank Alcohol in Past 30 Days	598	34.4	30.3-38.8
No Alcohol in Past 30 Days	1,086	33.3	30.1-36.6
Binge Drinker	*	*	*
Not a Binge Drinker	1,650	33.7	31.1-36.3
Heavy Drinker	*	*	*
Not a Heavy Drinker	1,649	33.8	31.2-36.5
No Mammogram within Past Two Years (40+)	235	39.8	32.8-47.3
Mammogram within Past Two Years (40+)	821	32.6	29.0-36.5
No Clinical Breast Exam within Past Two Years	265	43.5	36.5-50.8
Clinical Breast Exam within Past Two Years	781	31.2	27.7-35.1
Insufficient Cervical Cancer Screening	185	42.4	34.3-50.9
Sufficient Cervical Cancer Screening	413	36.1	30.9-41.6
No PSA Test within Past Two Years (40+)	149	39.9	31.4-49.0
PSA Test within Past Two Years (40+)	444	30.1	25.5-35.1
No Digital Rectal Exam within Past Two Years (40+)	171	39.7	31.7-48.2
Digital Rectal Exam within Past Two Years (40+)	436	30.3	25.7-35.3
No Blood Stool Test within Past Two Years (50+)	1,156	36.6	33.4-39.9
Blood Stool Test within Past Two Years (50+)	492	26.6	22.5-31.3
Never Had Sigmoidoscopy or Colonoscopy (50+)	676	42.7	38.5-47.1
Ever Had Sigmoidoscopy or Colonoscopy (50+)	990	28.0	24.9-31.3
Haven't Been to the Dentist in the Past 12 Months	652	35.9	31.7-40.3
Been to the Dentist in the Past 12 Months	1,032	32.6	29.5-36.0
Not Taking any Precautions Against West Nile Virus	680	37.1	33.0-41.4
Taking Precautions Against West Nile Virus	974	31.7	28.4-35.1
No Health Insurance (18-64)	-	-	-
Health Insurance (18-64)	-	-	-
Employer Based Health Insurance Coverage (18-64)	-	-	-
Private Health Insurance Plan (18-64)	-	-	-
Medicare (18-64)	-	-	-
Medicaid or Medical Assistance (18-64)	-	-	-
The Military, CHAMPUS, TriCare, or the VA (18-64)	-	-	-
The Indian Health Service (18-64)	-	-	-
No Flu Shot (65+)	417	72.0	66.8-76.7
Flu Shot (65+)	1,271	22.3	19.7-25.0
Diabetes	273	20.3	15.3-26.4
No Diabetes	1,419	36.4	33.5-39.3
Current Asthma	141	15.2	9.5-23.4
Former Asthma	*	*	*
Never Had Asthma	1,510	35.6	32.9-38.5
Previously Had a Heart Attack	254	23.3	18.1-29.6
Never Had a Heart Attack	1,404	35.9	33.0-38.8
Have Angina or Coronary Heart Disease	271	19.7	14.6-25.9
Do not Have Angina or Coronary Heart Disease	1,379	36.7	33.8-39.6

Table 66 (continued)
No Pneumonia Shot, Ages 65 and Older, for Selected Health Behaviors and Conditions,
2004

Health Behavior or Condition	# Respondents	% No Pneumonia Shot	95% CI
Previously Had a Stroke	131	21.2	14.5-29.9
Never Had a Stroke	1,526	35.0	32.3-37.8
Physical, Mental, or Emotional Disability	536	23.8	19.9-28.2
No Physical, Mental, or Emotional Disability	1,133	38.4	35.2-41.7
Disability with Special Equipment Needed	281	21.6	16.4-27.8
No Disability with Special Equipment Needed	1,388	36.2	33.3-39.1
Four or More Hours of TV Watched per Day	631	28.7	24.9-33.0
Less Than Four Hours of TV Watched per Day	1,010	37.3	33.9-40.8
Sick from Poor Indoor Air Quality in Past Year	158	23.6	16.8-32.2
Not Sick from Poor Indoor Air Quality in Past Year	1,519	34.8	32.1-37.6
Sick from Outdoor Air Pollution in Past Year	107	28.6	19.8-39.5
Not Sick from Outdoor Air Pollution in Past Year	1,582	34.2	31.6-36.9
Firearm in Household	770	35.9	32.2-39.9
No Firearms in Household	849	31.7	28.1-35.4
Loaded and Unlocked Firearm in Household	*	*	*
No Loaded and Unlocked Firearms in Household	1,563	33.6	30.9-36.3
No Birth Control (females 18-44 & males 18-59)	-	-	-
Birth Control (females 18-44 & males 18-59)	-	-	-
Never Been Tested for HIV (18-64)	-	-	-
Been Tested for HIV (18-64)	-	-	-
Sunburn in Past 12 Months	146	40.6	32.1-49.8
No Sunburn in Past 12 Months	1,543	33.2	30.6-36.0
Military Veteran	433	30.3	25.6-35.4
Not a Military Veteran	1,254	35.4	32.4-38.5

Note: *Results based on sample sizes less than 100 have been suppressed.

Source: The Behavioral Risk Factor Surveillance System, South Dakota Department of Health, 2004